

## DECLARATION AND POWER OF ATTORNEY

I, the below named inventor, hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe that I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### **ON-LINE CORRECTION OF PATIENT MOTION IN THREE-DIMENSIONAL POSITRON EMISSION TOMOGRAPHY**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendments specifically referred to in the oath or declaration.

I do not know and do not believe the same was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application, in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a), and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows: NONE.

I hereby appoint the following attorneys and agents with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: Robert E. Pitts, Registration No. 27,371; Jeffrey N. Cutler, Registration No. 35,486; Peter L. Brewer, Registration No. 41,636; Raymond E. Stephens, Registration No. 42,170; Paul E. Hodges, Registration No. 20,972; J. Kenneth Hoffmeister, Registration No. 43,675; Jack K. Greer, Registration No. 42,605; and Morgan L. Fitch, Registration No. 28,413. Address all telephone calls to Pitts and Brittian, P.C., at telephone number (865) 584-0105.

I request that all correspondence be directed to Pitts and Brittian, P.C., P.O. Box 51295, Knoxville, Tennessee 37950-1295.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

William F. Jones  
Inventor - William F. Jones

Date: 24-Aug-00

Residence:

11313 Hardin Valley Road  
Knoxville, Tennessee, 37932  
Knox County, Tennessee

Citizenship: U.S.A.

Post Office Address:  
(same as residence)

Applicant or Patentee: William F. Jones

Serial or Patent No.: \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

For: On-line Correction of Patient Motion in 3D PET

Attorney's

Docket No. 26242.00

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9(F) AND 1.27(b) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled On-line Correction of Patient Motion in Three-Dimensional Positron Emission Tomography described in

the specification filed herewith  
 application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
 patent no. \_\_\_\_\_, issued \_\_\_\_\_

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a non profit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

no such person, concern or organization  
 persons, concerns or organizations listed below\*

\* NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME CTI PET Systems, Inc.

ADDRESS 810 Innovation Drive, Knoxville, Tennessee, 37932

INDIVIDUAL  SMALL BUSINESS CONCERN  NON PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

William F. Jones  
NAME OF INVENTOR

William F. Jones

Signature of Inventor

24-Aug-00

Date

Applicant or Patentee: William F. Jones

Serial or Patent No.: \_\_\_\_\_

Attorney's  
Docket No. 26242.00

Filed or Issued: \_\_\_\_\_

For: On-line Correction of Patient Motion in 3D PET

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9(F) AND 1.27(c) - SMALL BUSINESS CONCERN**

I hereby declare that I am:

the owner of the small business concern identified below:  
 an official of the small business concern empowered to act on behalf of the concern  
identified below:

NAME OF CONCERN CTI PET Systems, Inc.

ADDRESS OF CONCERN 810 Innovation Drive

Knoxville, Tennessee, 37932

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35 United States Code, in that number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties control or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled On-line Correction of Patient Motion in 3D PET by inventor William F. Jones described in:

the specification filed herewith  
 application serial number \_\_\_\_\_, filed \_\_\_\_\_  
 patent number \_\_\_\_\_, issued \_\_\_\_\_

If the rights held by the above identified small business concern are not exclusive each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE\* Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN  NON PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING

Ronald Nutt

TITLE OF PERSON OTHER THAN OWNER

Vice President

ADDRESS OF PERSON SIGNING

2121 Lake Point Drive

Knoxville, Tennessee, 37922

SIGNATURE

Ronald Nutt

DATE

8/27/00